



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Tris, Technical Grade_
Catalog Number: 103132_
Lot: MR29792_

Formula: C₄H₁₁NO₃

CAS #: 77-86-1

Physical Description: White Crystalline Powder

Formula Weight: 121.14

Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	#96%	99.97%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	165 - 172°C	170.8°C
pH (5% aq soln)	10 - 11.5	10.7

OD260 nm (5% aq soln): 0.01

Loss on Drying: 0.0%

Solubility (40% aq soln): Clear, Colorless Solution

Residue on Ignition: 0.0%

Heavy Metals (as Pb): <5 ppm

Iron (Fe): <0.3 ppm

Related Substances (GC): 0.03%

Assay (dry basis): 100.0%

Water: 0.1%

Color (APHA, 20% aq soln): <5

Water Insoluble Matter: 0.000%

OD280 nm (10% aq soln): 0.00

OD430 nm (10% aq soln): 0.000

OD290 nm (40% aq soln): 0.01

Residual Solvents (USP): Passes

Chloride: <100 ppm

Identification A, B, & C: Passes (USP)

Christina Marotta

10/18/2012 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)